





## Silkin stands his ground

From page one

and denied rumours that this would be delayed until after the general election. He pointed out that no date had yet been fixed for the elections and that continued delay also harmed British fishing interests as, among other things, it meant uncertainty about third country waters.

### Desire

Mr. Silkin thought that there was now a genuine desire among those member states most directly concerned to reach agreement. He thought that the forthcoming tour of EEC capitals to be made by Mr. Gundelach, the European Commissioner responsible for fisheries, should help reach a compromise. The tour will be made as soon as the EEC's 1978-79 farm support prices have been fixed.

As *Fishing News* went to press, Mr. Gundelach was battling through what was expected to be a week-long price marathon meeting in Luxembourg.

# TIDE RULE VICTORY

A NEW DEAL for in-shore share fishermen who land at Grimaby has been thrashed out by private agreement after an industrial tribunal hearing in Lincoln last week.

It means more fishing time between landings, a new definition for inshore vessels at Grimaby, recognition of gill-nets as inshore boats and, above all, preserved traditional rights of crews to continue landing their own fish.

A tribunal was convened to arbitrate between the National Docks Labour Board (Grimaby branch) and inshore owners from Grimaby and other east coast ports whose boats land at Grimaby. The fishermen brought a joint application under Section 51 of the 1955 Docks and Harbours Act, which defines dock work, maintaining it did not apply to their vessels and they were, therefore, entitled to land their own catches without using costly lumper labour.

They also sought an extension of fishing time beyond the old five-tide criterion.

After concessions by both sides, British vessels worked by shore fishermen only can now remain at sea for 12 tides, extended to 14 tides in exceptional circumstances.

Vessels must not exceed 60 ft. in length or be registered in excess of 40 tonnes. Maximum crewing arrangements are four for trawlers, five for gill-nets and eight for liners.

Last week, at the tribunal, witnesses for the fishermen claimed the old five-tide

regulation forced fishermen to "cut corners" and take risks which could endanger lives.

The application to the tribunal was made by the owners of *Jilannun*, *Shepherd*, *Lad*, *Shepherd Lass*, *St Vincent*, *Lead Us*, *Shoorbill*, *Whitebark*, *Ashville*, all of which are based at Grimaby. *Alison June* of Lowestoft, *Pioneer* and *Tradition* from Bridlington; and *Cassonmunda*, *Sincere*, *Our Heritage*, *Our Rachel*, *Williamino* and *Independence* of Scarborough.

## Yell factory shut-down

ONE OF Sheiland's fish processing factories is in difficulties and has closed down temporarily — prospects of re-opening are only 'fair'.

Arlene Fisheries' factory on the island of Yell employs 16 full time staff.

## Lumper ban forces closure

AN OLD-established Fleetwood fish processing firm has closed its doors because of a lumper ban on landings. The firm, the disallowance of supplies on which it depended.

Harry Whitehead, managing director, said that he thought the lumper ban was being a seriously selfish in continuing the ban.

He said there was a sense of urgency with them, although there was for the merchants.

He had been losing money for the past few years, but would have carried on business if the lumper ban had lifted the ban on Icelandic vessels.

## COMMENT

AFTER YEARS in the wilderness the fishing industry now finds itself the subject of a spate of "timely" reports on its future. The latest of these — entitled *Fishing into the 80's* — was published this week by a team of fishing experts headed up by John Prescott, Labour MP (Edd, East).

This well researched and fact-packed 86-page document is being circulated in Britain and Europe in the hope that it will provoke the discussion on revitalising the British fishing industry. And it is based on the premise that there is no protection from an exclusive fishing zone off our coasts.

Among the many suggestions put forward is one for the establishment of a British National Fishing Authority. This would harness the resources of the White Fish Authority and the Fishing Industry Board to cover, among other things, safety and employment conditions, as well as training and research.

At first sight this seems to be a laudable suggestion but, on further reading of the report, there would seem to be another and more worrying role suggested for such a body. This is referred to as "entrepreneurial", which really turns out to be an euphemism for nationalisation of the fishing industry.

Going back to 1981 Flock Committee of inquiry into the fishing industry, the report says it agrees with the recommendation that "power for appropriate public ownership is needed. This was put forward at the time to get investment in processing plants going."

Now, this latest report wants to go further by saying that public ownership by a National Fishing Authority should not be limited to just processing. In other words it is setting its sights on state control of the fishing fleet.

This sort of talk by "fishing experts" shows just how divorced they are from the thinking of inshore fishermen on whom the future will be built. If the fleet is to fish efficiently, the only real room for ownership of boats will be among the fishermen themselves, unless the taxpayer wants another British Steel or Leyland around its neck!

## fishing news

Editor: Harry Barrett

Assistant Editor: Ian Strutt

Advertisement Director: Fred Purcell

Advertisement Manager: Bill Barber

Circulation: Ann Dunford, 75-77 Ashgrove Road, Down, Bristol BS1 8JL. Tel: 0272 425711.

Published weekly

Registered as a newspaper at the Post Office.

110 FLEET STREET, LONDON EC4A 3DF. Tel 01-353 8861; Telex 31977.

## All cut up...

THE 88FT. Peterhead vessel *Morning Star* (St. Jim Dunlop) is in dry dock being lengthened by 20ft. to allow for the installation of ice storage equipment and chilled sea water tanks.

Her hull has been out in two and the fore part drawn forward for her extension to be inserted.

The work is being carried out by Wood and Davidson Ltd. which did a similar job on the purse seiner *Lunar Bow* four years ago.

# WESTCOUNTRY 'PAWNS' IN THE EEC GAME

WESTCOUNTRY fishermen believe their industry is being used as "a pawn in political manoeuvres" with EEC countries, claims Harry Worden, Devon's chief fishery officer, in the first annual report to be presented to Devon Sea Fisheries Committee.

He says the only confidence can be restored in Britain's fishing industry is for agreement to be reached in Brussels for an exclusive limit all around our coast.

Mr. Worden says in his report: "At a time when sections of the car industry have

been bolstered by grants of millions of pounds, justifiably fishermen are aggrieved that the small amounts of daily subsidy which helped them to offset the terrific increases in operational costs were taken away."

"The Westcountry fisherman is of the opinion that his industry is so little thought of that it has been, and is being, and will continue to be, used

as a sop to the EEC countries. "Many fishermen, in fact, supported the Grimaby Trawler Officers' Guild which expressed the view that, because of the lack of interest shown, it was wondered whether or not the Government even wanted a fishing industry."

Mr. Worden said that in the past ten years there had been a resurgence within the industry at Devon ports.

Demersal and pelagic landings at Plymouth and Brixham had more than doubled. The shellfish fleets of Salcombe and Kingswear/Dartmouth had made them the top crab-landing ports in the country.

He continues: "But the achievements have been made against many problems. To the fishermen of the SW peninsula, it appears that any success achieved has been forthcoming from their own effort in spite of successful Government convenience to the contrary."

"With the build-up of the large fleet of very sophisticated purse seiners and mid-water trawlers from Scotland, Hull and Grimaby working the mackerel shoals off the SW coast — and more foreign trawlers working up to the 12-mile line — confidence in this country's fisheries administrators will only be restored by obtaining agreement in Brussels for an exclusive fishery limit."

Fishermen generally are individualistic in their outlook and show philosophic calmness in trying circumstances. Unfortunately, this is sometimes interpreted as a weakness to be exploited.

"Owing to the nature of their calling, whereby only a small number work together, it is rare indeed for the industry's fishermen to band together and voice their grievances."

Mr Worden says the proposed increase in the net size regulations from 70mm to 90mm as a conservation measure for the North Sea is causing concern among Westcountry trawlers in case such regulations are applied in the English Channel.

This would cause hardship and affect catches of sole and whiting. Any national increase in net sizes would be vehemently opposed.

## 340-box maiden

FRASERBURGH'S new *Fidelis II* has landed her maiden catch of white fish at Peterhead. The first box of cod sold for £57 to Jim Duthie of Young's Seafoods, Boddam, who qualified for the traditional new hat.

Skipper Stewart Buchan landed 340 boxes from his first trip of four days and the catch realised £7,500.

The salesman was Ronald Graham of Peter and J. Johnstone (Peterhead) Ltd. which is the agent for the vessel.

DEREK OSWALD (37), manager and a director of the Hull trawler owners Hellyer Bros. for eight years, is leaving this weekend. He is to become managing director of Aberdeen-based Claben Ltd.



## WHITE FISH AUTHORITY TRAINING COURSES

### FISHING GEAR TECHNOLOGY

To be held at the WFA Fisheries Training Centre at Hull

15 to 19 May  
19 to 23 June  
17 to 21 July  
31 July to 4 August

14 to 18 August  
11 to 15 September  
18 to 22 September  
8 to 10 November  
20 to 24 November  
4 to 8 December

500 to 1000 hp middle water vessels.  
20 to 150 hp vessels.  
150 to 500 hp vessels.  
500 to 1000 hp vessels (emphasis on pair trawls).  
500 to 1000 hp vessels.  
1000 hp + vessels (emphasis on pelagic trawls).  
500 to 1000 hp middle water vessels.  
20 to 150 hp vessels.  
150 to 500 hp vessels.  
500 to 1000 hp vessels (emphasis on pair trawls).

### ACOUSTIC FISH DETECTION

8 to 12 May  
22 to 26 May  
12 to 16 June  
19 to 23 June  
4 to 8 September  
9 to 13 October  
23 to 27 October  
13 to 17 November  
27 November to 1 Dec.

PITTENWEEM.  
FRASERBURGH.  
BUCKIE.  
HULL.  
HULL.  
LOWESTOFT.  
LERWICK.  
LOWESTOFT.  
MALLAIG.

### ENGINES, ELECTRICS AND HYDRAULICS (INSHORE VESSELS)

1 to 5 May  
15 to 19 May  
5 to 9 June  
30 October to 3 Nov.  
4 to 8 December

PITTENWEEM.  
FRASERBURGH.  
BUCKIE.  
LERWICK.  
MALLAIG.

### ELECTRICS AND HYDRAULICS (MIDDLE AND DISTANT)

28 to 30 June  
18 to 22 September

HULL.  
HULL.

### COASTAL FISHING

7 to 11 August  
14 to 18 August  
28 to 29 September  
11 to 15 December

FLEETWOOD.  
WHITEHAVEN.  
AYR.  
WHITBY.

### MARINE SCIENCE FOR FISHERMEN

28 to 30 June  
2 to 6 October

### BUSINESS MANAGEMENT

12 to 14 September

### FISHERIES TECHNOLOGY AND MANAGEMENT

8 May to 28 July  
4 September to 5 Nov.

HULL\*  
HULL\*  
HULL\*  
HULL\*

Courses marked thus \* will be held at the WFA Fisheries Training Centre in Hull. The remaining courses will be held in the WFA Mobile Training Unit at the ports indicated.

All courses except the one in business management (fee £60) are FREE to members of the UK fishing industry. Details of fees for overseas skippers and fishery students are available on request.

APPLICATION FORM	
To: The Training Manager, White Fish Authority, Industrial Development Unit, St. Andrew's Dock, Hull, HU3 4QE. Telephone: 0482-27837. Telex: 527261.	
I would like to enrol for the course in .....	
Date of course .....	
Please send me more details about the following course: .....	
(* Delete as appropriate)	
Name and address .....	
Telephone No. ....	

**AIRCO synthetic SEINE NET ROPE**

*The Sheffield Testing Works Ltd.* 6th April 1978

REPORT No. 57138

Results of Test of sample, described as length of Seine Net Rope, received 5th April 1978, from: Airedale Rope Co. Ltd., Leeds.

Test No. 1W221

Maximum load 2680 Pounds

Remarks: The rope broke clear of the grips

Particulars stated by sender: — "Aircro Seine Net Rope, 2 1/2" circ., supplied by Tom Sleight (Fish Smeaton) Ltd., Grimaby. Taken from a Danish fishing vessel, Skipper Mr. Poul Sorensen, after 2 years use."

**speaks for itself**

**AIREDALE ROPE COMPANY LTD**  
BRAMLEY LEEDS LS13 3LS  
Telephone: Pudsey 556665/6, Telex: 556487 Airope.

**HULL STEEL CRAFT**  
Hulls for home or yard completion



Twenty  
THIRTY  
THIRTY SEVEN

Open boat £980 V.A.T.  
With deck and cabin of 18 or forward wheelhouse £2285 V.A.T.  
With deck and cabin of 18 or forward wheelhouse £3900 V.A.T.

ALL BOATS INCLUDE ENGINE BEDS, STERN TUBE AND HULLS, FLOORBEARERS AND BOLLARDS

**HULL STEEL CRAFT**  
PECKS WHARF, 400 WINDMILL LANE, HULL  
Telephone: Hull 104013 2409

**Newlyn's 83-footer**

AN 83 ft. long steel multi-purpose boat for Newlyn owners Tom Thomas and Sons is due to be delivered in June. She is building at the McTay yard.

The vessel is designed for long lining, trawling and seine netting and the hull has been designed by McTay's naval architect, John Osborne. It is of a nicely-shaped round stern and a soft bow. The standard of construction is high and she will be one of Cornwall's largest new boats.

She will be powered by a Blackstone six-cylinder diesel of 860 hp. This will drive through a Reintjes gearbox to a fixed propeller working in a Kort nozzle. A wide range of auxiliaries will be fitted, including cooling equipment for the fish hold.

Three circulating brine tanks are located amidships for herring or mackerel. Forward of this space is the hold for ice fish.

A large hatch between the fish hold and the centre brine tank can be removed when the tanks are not in use, allowing this control tank to hold ice.

The wheelhouse and deckhouse will be amidships and a feature of the vessel will be lowered bulwarks for long lining.

**FORECASTS—MP STEPS IN**

SOUTH ANGUS MP, Andrew Welsh, is investigating a complaint by Arbroath fishermen about a proposal by the BBC to alter its weather forecast service (*Fishing News*, March 17).

Mr. Welsh is seeking a meeting with BBC chiefs following the announcement that the present four forecasts a day on Radio 2, plus the occasional gale warnings, are to be reduced to two forecasts a day.

Allan Caird, manager of the Arbroath Fishermen's Association, said: "Weather patterns can change completely in a lot less than 12 hours. Our fishermen want the forecast to remain exactly as it is at present."

Mr. W. Davidson, skipper of Ocean Harvest, which fishes up to 200 miles offshore, said he thought the proposal was ridiculous.

He said: "We always listen to the weather forecasts from the BBC, particularly in the winter time, and even the present service could be improved at times."

"Sometimes they are giving the forecasts round the coast, but they seem to run out of time before they come to areas such as the west coast of Scotland."

**Wrong year**

FISHERMEN'S YEAR, the centenary of the Royal National Mission to Deep Sea Fishermen, will be in 1981 and not 1978 as printed in the *Fishing News*.



# DoT failure rots

A SAD reflection on the British safety rules for fishing boats is this ex-Brixham sailing trawler lying rotting in Swansea Harbour.

The 75ft. wooden boat *Holkar* (right) was one of the first vessels to be submitted for survey by the Department of Trade and Industry to see how she measured up for the 1975 Safety Rules.

The work required was beyond the resources of her skipper, Ted Grint, and her 180hp Allen diesel engine and fittings were removed from the boat and she now lies in the mud. The hull is deteriorating rapidly.

The fine lines of this class of sailing trawler could one day become extinct. It is now feared that the deterioration of *Holkar's* hull has reached the point where restoration is not possible.

She was built at Rye, Sussex, in 1924 and was registered number LT18. She had a net tonnage of 28 and gross, 62.

## No case

NO EVIDENCE was offered when two German skippers were charged in Cork District Court with illegal fishing.

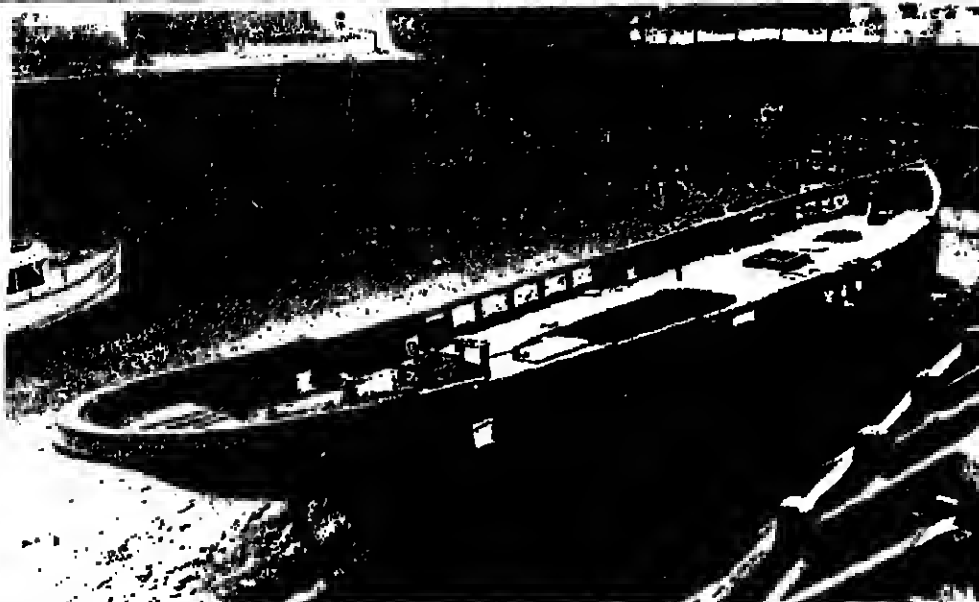
Skipper Karl Egner of the trawler *Gesite* and Ernst Horhold of *Weser Munde*, both registered in Bremerhaven, had been arrested off the Irish south coast on Friday, April 14.

When the case was called in court the State Solicitor, Niall Cronin, said that no evidence would be offered.

For the defence, solicitor Rory Conway said that compensation would be sought for costs and loss of fishing days while the trawlers were tied up in Cork.

Charges were dismissed and the trawlers ordered to be released from detention orders.

Later, the trawler owners were awarded total costs and expenses of £3,050.



# PO skippers ignore quota

SIR, Reading Comment (*Fishing News*, April 7) concerning the power of the POs. I think that if there is to be a viable industry in years to come there must be the power within the industry to control it.

Therefore, the future of the PO is a must, with the powers that be to back it up.

You refer in your article to fishermen outside the POs. As a fisherman who fished the Minch autumn mackerel fishery, I have seen the need for

## LETTERS

Government legislation to back the POs. At that time there was a quota in operation, yet there were skippers in the PO who were not adhering to the quota leading to the Eastern Bloc vessels.

One of the skippers concerned stated that he would break or bend any

rule that was made. So where is the power of the PO?

I have not fished off Cornwall, but I know there is supposed to be a quota in operation but, knowing what was going on at the Minch mackerel fishery (and the same skippers are fishing off Cornwall), I have not the slightest doubt that the quota is being defied.

Reading the story in *Fishing News*, April 14 — Three-year warning on mackerel — it is little wonder the Cornwall Sea Fisheries Committee is concerned. Every long-elapsed fisherman knows that there has to be restric-

tions with the catching power of these modern purse seiners. The same message applies to the North Sea herring fishery.

Are the purse seiners going to do what they want when the North Sea is opened for herring fishing again? If so, then having a ban will have been of no avail.

Gilbert Buchan, newly-elected president of the SFF, made a wise statement (*Fishing News*, April 7) when he said there is enough for man's need, but not for his greed.

Signed: SCOTTISH FISHERMAN.

# Grimsby has health unit

SIR, Many of us in Grimsby were astounded at the statement that "Hull has the only occupational health service for fishermen" (*Fishing News*, April 7).

If the anonymous doctor who wrote the article had researched his subject more thoroughly, he would have discovered that an occupational

health service for fishermen — headed by a full-time medical officer — was established on Grimsby fish docks in 1934.

The service given includes annual medical examinations for registered fishermen; medical examinations of new entrants and trainees; all candidates for upgrading or first-aiding courses; and all fishermen who have been ashore because of sickness or injury.

This system acts as a useful sieve in identifying early any

existing or incipient conditions requiring treatment. In which cases the patients are promptly referred to their own medical practitioners.

The medical service covers not only the whole of the Grimsby fish docks, but also extends to sick and injured fishermen and, indeed, seamen of all nationalities in ships in the River Humber.

The clinic now holds a file of around 10,000 medical records and those in current use are updated. Accidents statistics are

compiled and regularly reported to, and monitored by, the Grimsby Port Society of Fishermen Committee. This, in turn, forwards recommendations to trawler operators regarding shipboard safety measures.

The medical officer in charge was appointed to give radio advice through Humber Radio and a close liaison is kept with the coastguard, helicopter and lifeboat rescue services. He is also a member of the Medical Committee dealing with the

revision of the Ship Captain's Medical Guide and has been direct participant in the design and provision of a safety net for use by fishermen at sea.

These checkable and readily available facts provide, I feel, a very positive indication that Hull is by no means unique with regard to its occupational health services for fishermen.

So far as Grimsby is concerned the author is proceeding to the converted and his opinion — apart from its factual inaccuracies — is 44 years out of date.

F. B. PARKES, Grimsby Vessel Owners' Association, Fish Dock Road, Grimsby.

# £11,000 ILLEGAL WEEK

SIR, Your correspondent R. F. Methison displays a remarkable ignorance of the facts in his letter (*Fishing News*, April 14) 'One salmon worth more than a man?'

As joint managing director of the largest sea salmon fishing company in the UK, I would like to reply.

I started sea salmon fishing 40 years ago as a 17-year-old apprentice at £1 per week. Eight years later, I was demobilised from command of three Navy trawlers to rejoin the company at £5 per week.

Returns from commercial salmon fishing have never been high in comparison to local white fishing. This last winter at least one local boat employing four men grossed around £4,000 weekly, with share fishermen getting £1,200 plus weekly. Not even the managing director of Britain's largest salmon company could expect that!

In the last two years about two-thirds of the salmon marketed in Billingsgate has

In 1976, one Forth-based boat landed £86,000 of illegally-caught salmon in that season alone. Another landed £11,000 for one week's illegal fishing.

Between the Red Head of Angus and Girdleness, where

the worst illegal fishing has taken place, more people are engaged in commercial and legal salmon fishing than in white fishing and those engaged in illegal salmon fishing.

In fairness to them, I hope you will publish this letter to

debunk some of the propaganda rubbish that has been written in defence of those who are destroying one of Scotland's last great heritage.

MICHAEL FORBETH-GRANT, Ecclefechan, Montrose, Scotland.

## Conflicting interests?

SIR, In his excellent and timely letter on the salmon issue, your correspondent R. F. Methison (*Letters*, April 14) referred to "bed old days" and local lairds.

On the Angus coast, where the case he mentioned took place, we have a real live local laird operating now.

The gentleman is managing director of the largest salmon netting company in the area. He is also — wait for it — chairman of the board of the local river fisheries which is, or ought to be, a conflicting interest and which is the body responsible for policing the

river. The river authorities have no means of carrying out sea patrols and the netting companies do not have the right to do so.

However, with this very convenient set-up — i.e., the river board's warrant and the netting company's private speedboat which he refers to in the local press as his "salmon battle cruiser" — the gentleman has repeatedly harassed local in-

shore fishermen and has

been successful in obtaining convictions against some of them.

Meanwhile, of course, his own netting operations are being carried out with complete impunity.

This kind of activity, over-zealousness of Fisheries Protection and the astronomical fines being imposed on alleged poachers, are all indicative of the political power of

salmon interests.

As Mr. Methison says, it is time the law was brought into disrepute.



## YOU KNOW YOUR FISH

Do you know your MARKET?

# CALEY FISHERIES (GRANTON) LTD NORTH SHIELDS

Fish Salesmen. Fishing Vessel Management.

We specialise in all types of Agency work

All enquiries contact

NORTH SHIELDS (08945) 72183/4

After hours:

WHITLEY BAY (0632) 534673

NEWCASTLE (0632) 668344



AGENT FOR THE SCOTTISH AREA IS:  
NORTH CHANNEL YACHTS, STROUL BAY  
CLYNDER, DUNBARTONSHIRE  
TEL: CLYNDER 430

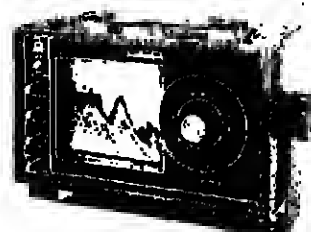
AGENT FOR IRELAND IS:  
DAMARINE SERVICES, FENNELLS BAY,  
MYRTLEVILLE, CO CORK, TEL: (021)  
831423

PRICES OF MOULDINGS:  
BARE HULL £995 - BARE DECK £485  
Offered in various stages of completion from bare hull to complete boat.

£5850 - All prices Ex VAT  
TAMAR BOAT ENTERPRISES LTD.  
Queen Anne's Battery, Gosport, Portsmouth  
Telephone: Portsmouth (0702) 80163/88870



## N. D. 200 ECHO SOUNDER AND FISH FINDER



It's Revolutionary!  
It's Japanese!  
It's Portable!

They are now in operation round the coast from Cornwall to the Shetlands and have proved to be EXCEPTIONALLY RELIABLE. Its particularly sensitive transducer dispenses with the need for high power output, yet it has very high fish finding ability and excellent GROUND DISCRIMINATION. Its rugged steel case affords good protection and ensures long life.

### FIVE STAR FEATURES OF ND/NF RANGE OF SOUNDERS

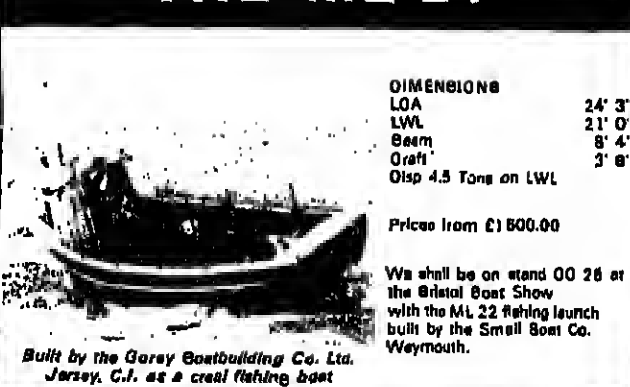
- \* Variable White Line Facility
- \* Neon Flashing Depth Indicator and/or Paper Recording
- \* Sea Surface Adjustment
- \* Illuminated Dial for Night Work
- \* Depth Ranges up to 800 Metres

PRICE RANGE FROM £270.00

### GRANGE MARINE SERVICES LIMITED

BURNFOOT LANE, FALKIRK  
Tel: 0324-27321/2 Telex: 779355  
TRADE ENQUIRIES WELCOME

## THE ML 24



DIMENSIONS  
LOA 24' 3"  
LWL 21' 0"  
Beam 8' 4"  
Draft 3' 6"  
Disp 4.5 Tons on LWL

Price from £1,800.00

We shall be on stand 00 26 at the Bristol Boat Show with the ML 22 fishing launch built by the Small Boat Co. Weymouth.

### MILTON LAMINATES LTD

Small Boat Industrial Estate, New Milton, Hants GU14 5JY, UK  
Telephone: 0140328

## Mackerel licence delayed

THE MINISTRY of Fisheries has decided to scrap its plans to introduce a new mackerel fishing licence. Existing arrangements will go on for the time being.

This is in view of the "overwhelming advice" of the mackerel industry. Fisheries Minister, Ted Bishop, said that the ministry accepted it would be wrong to introduce a new licence for the few remaining weeks of the season.

"Clearly we will need to consider what action might be taken to regulate the fishery off south-west England next autumn," he said, "but in the meantime the existing licence will continue in force."

## Caird stands

ALAN CAIRD, secretary-manager of Arbroath Fishermen's Association, is entering politics. He has been nominated by the Conservatives to stand for election as candidate for Arbroath Central Ward in the forthcoming Tayside Regional Council elections.

Mr. Caird has been secretary-manager with the association for eight years.

He was president of the First of Forth Fishermen's Association, chairman of the Fishermen's Co-op (Tredning) Sootland Ltd., and a director of the Anglo-Scottish Fish Producers' Organisation.



## CLYDE: HERRING QUOTA CHOPPED

THIS YEAR'S Clyde herring quota has been cut-back by 1,000 tonnes. Stock recruitment and a higher than optimum fishing mortality led to scientists calling for a reduction in catches.

## BUT FILLS DISTANT WATER GAP

EVEN WITHOUT distant water landings at Grimsby last week—only the second week this has happened this year—reasonable supplies from home waters ensured landings topped 20,000 kits once again.

The port was also without a landing from the Lorient-based fleet of French trawlers for the first time for over a month. Almost 4,000 boxes of mixed overland fish were brought in by road to help in meeting a good demand for fish from the merchants.

It was BUT's turn to out-fish and outgross all its main rivals with ten Westerly and North Sea landings. The firm ended the week with combined grossings in excess of £199,000.

Pride of place went to Ross Panther (Sk. Wally Stokes), topping £20,000 for the third successive trip, with £28,870 from 837 kits after a 15-day Westerly trip. The catch included over 350 kits of haddock and nearly 200 of cod. The week's heaviest landing went to Ross Kelly (Sk. Barry McCall) with 1,108 kits, including 520 of haddock, 105 of cod, 244 of dogs and 122 of whiting, from a 17-day Westerly voyage.

She earned the runner-up spot with a grossing of £25,988.

'Kelly' and her three 'K'-class sisters, are now really getting the feel of the home waters after being switched from distant water work in January.

H. L. Taylor's boat was a £17,619 and 16-day effort by Yesso (Sk. Peter Brown). Heavily landings of 'rough' fish spoilt several landings and there was a real nightmare for Boston Keirrel, making her first middle water trip of the year.

The 142-footer ended up with over 200 kits of dogs unloaded from a 490-kit landing and collected only £7,256.

North Sea landings by the seiners and pair teams were the heaviest for weeks. Seventeen seiners made the Monday market alone, when Consolidated's Arborg (Sk. V. Dom) hit the week's seiner high with £8,130 from 300 kits of fine cod.

Runner-up was Skipper Bill Murray's Genaro on £7,888 from 268 kits, including a good show of dogs.

There was also a useful start for Fiona Thomson (Sk. Harry Thomson), having fished her way over from Esbjerg to land a £4,187 maiden at Grimsby.

Top pair team was Jeon Scott (Sk. Phil Scott) and Golden Venture (Sk. 'Pete' Puffrey) with £25,895 from a 'moderate' cod trip.

### Fine start!

THE FIRST trip as a trawler skipper turned into disaster for Manuel Fraga (33) when his boat Las Nieves was arrested for fishing within British limits. He was fined £3,000 by Plymouth magistrates.

Mr. D. A. H. Collins, prosecuting for the MAFF, said the Spanish boat was seen by the fisheries protection vessel HMS Jersey on April 18. She was 60 miles inside the limits, about 140 miles SW of the Bishop Rock. She was boarded and Skipper Fraga produced a licence which had expired in December.

David Bishop, defending, said Skipper Fraga believed he had a current licence. On the way into Plymouth he had checked by radio with the Spanish authorities and had been told his licence was valid.

## 'Buccaneer' way ahead

BOYD LINE continues to lead the British Freighter Trawler Challenge Competition with Arctic Buccaneer, which finished fifth last year. She is 1,222 points clear.

Listed below are the top 20 places with the figures in brackets indicating the vessels' positions in 1977.

	Points	1977 Pos.
1 (5) Arctic Buccaneer (Boyd).....	824	471
2 (11) St. Benedict (Hamling).....	811	358
3 (1) Arctic Goliard (Boyd).....	800	341
4 (2) Princess Anne (Boston).....	587	318
5 (4) Dane (BUT).....	523	303
6 (7) Northella (Merr).....	520	283
7 (6) Southella (Merr).....	513	288
8 (30) Cordella (Merr).....	510	288
9 (15) Swanella (Merr).....	492	281
10 (9) St. Jason (Hamling).....	490	281
11 (13) Kivella (Merr).....	478	288
12 (10) Rannella (Merr).....	447	288
13 (14) Sir Fred Porke (Boston).....	432	288
14 (19) Kurl (BUT).....	404	288
15 (26) Coriolanus (BUT).....	354	288
16 (28) Pios (BUT).....	345	288
17 (24) Kelt (BUT).....	345	288
18 (35) Defiance (BUT).....	345	288
19 (18) Arctic Raider (Boyd).....	345	288
20 (28) Arab (BUT).....	345	288

## RESTRICT FISHING—AND KEEP THE FLEET INTACT

THE National Federation of Fishermen's Organisations is to support restrictions on fishing and wants port associations to come up with detailed proposals.

At an executive meeting after the NFFO's AGM in Scarborough last Saturday, the 18 members endorsed a four-point plan drawn up by chief executive, Andrew Palfreman, in answer to a request by the Ministry of Agriculture, Fisheries and Food.

It reads: 1) The CFP negotiations are not yet complete. We do not know how much fish will be available to the UK, nor what share of that NFFO members are reasonably expected to take. Until we do have some idea of the longer term prospective, we are opposed to a forced reduction in fleet size.

2) Conservation will be a major part of all fisheries policy (whether it be devised in London or Brussels) in the coming months. If policies are effective and stocks are restored, the kind of vessels operated by NFFO members are ideally equipped for taking advantage of what is likely to be available.

The skippers know the grounds and the vessels are suited to the comparatively short voyages that are bound to be the prevailing pattern.

3) If the British inshore industry faces restrictions on its operations, we would rather the fleet was kept intact even if limited in its operations and employment preserved, rather than see fishermen thrown out of work.

In the ports represented by NFFO, the employment generated by the industry ashore and afloat is desperately needed and the alternative to employment by the industry may well be the state queues.

4) The vessels in membership are generally small, fish on a restricted scale, in a limited number of areas and, for a good part of the year, many do not fish at all.

In effect, fleet limitation is already self-imposed. Moreover, because the NFFO fleet is relatively small and because many of the vessels concerned are older (on account of weather and other constraints) operate on a restricted basis, it is credible that a cut-back on the number of vessels permitted to operate would have a significant impact on the problem of over-fishing.

The NFFO says: "It would be wrong to conclude that we need the need for licensing vessels. On the contrary, provided others are controlled, we support the use of licensing as a means of controlling fishing effort when it is necessary."

"But we reject the notion of a forced reduction in the size of the inshore fleet by a blanket control on the number of licences issued."

Jim Leadley, vice chairman, said: "We will press for restrictions on licensing. There is a need for quotas in the North and Irish Seas."

Advocating the licensing of boats rather than skippers, chairman George Crawford said: "You could build a multi-million-pound ship but, without a licence, you could not use it."

Denk Mainprize of Scarborough, another vice chairman, pointed out that in certain instances the licences could be worth more than the boats.

It was decided to ask port associations to come up with detailed proposals of their own.

## ...NOW A GROWING VOICE IN EUROPE

THE SWELLING membership of the NFFO is making it a voice that will have to be listened to in Europe, said chairman George Crawford at the second annual general meeting in Scarborough last weekend.

The organisation now represents men who land fish worth £25m. a year. With the Grimsby seiner fleet and the Lowestoft inshore fishermen's Association as members, Mr. Crawford pointed out that Minister John Silkin must now hear what the NFFO has to say.

"The value of strong industry support in Brussels cannot be overstated as it is this, above all else, that strengthens the Minister's hand at the negotiating table."

Mr. Crawford went on: "The NFFO and the BFF went to Bonn on directed-fishing for herring to the end of 1978; controls on industrial fishing (limiting by-catches of commercial species and restricting areas); ban on carrying on board nets of different sizes; and a minimum mesh size of 70 mm; banning of beam trawlers over 80 ft; control of pursers and a summer North Sea apert closure."

### New tickets

Bill Oring of Harrogate told the conference about Department of Trade plans on new certificates for skippers.

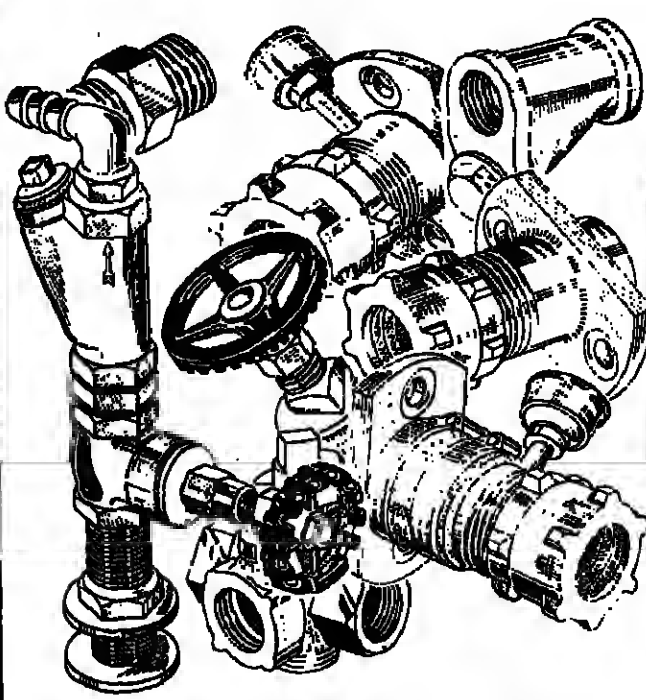
In future, boats 39 to 40 ft would need a Masters Group Four ticket. To qualify, skippers would have to be over 19, have two years service, do an oral exam and,

## The devil you know

BETTER the devil you know than the one you don't, was the thinking behind a decision of the NFFO executive to support the White Fish Authority and the Herring Industry Board. George Crawford told the executive committee: "You don't know what they might be replaced with."



Left to right: Andrew Palfreman, chief executive of the NFFO; Tom Mainprize, leader of Scarborough inshore fishermen; Fred Parkes, vice chairman, NFFO; and George Crawford, chairman NFFO.



## DON'T TAKE CHANCES —

Your livelihood — and your life — depend on your engine, so don't take chances with inferior equipment. Y.C.G.B. engineers supply a tough and durable, built from high quality materials to give reliable, enduring service. Fishing boats, work boats, commercial craft of all types — as well as yachts — depend on Y.C.G.B. to keep them going, reliably, economically — and safely. Our 40 page catalogue shows the whole Y.C.G.B. range, from 1" bolts to complete sterngear assemblies — up to 4" shaft diameter — and it's free for the asking!

Incidentally, we supply sterngear, propellers and equipment to B.I.M. Standards for, among others, the largest fishing boat builder in Eire.

YACHT CHANDLERS of GREAT BRITAIN  
ABBOTSKERSWELL, NEWTON ABBOT,  
DEVON, ENGLAND  
PHONE: NEWTON ABBOT 4557

## Is your propeller working for you? Or against you?

If you run a small boat, like a tug or trawler under 1200bhp, chances are you're running around with the wrong propeller. And that costs money. We make a wide range of propellers for all kinds of craft. But our special strength lies in the design of multi-pitch propellers for the smaller type of workboat. They give you the fuel economy of fully controlled pitch maintenance-free. And they're absolutely reliable. And when you want to make the pitch adjustment, running at speed?

I've got a multi-pitch propeller with a mechanical advance to suit your existing equipment. Or with a special hydraulic actuator to allow you to change pitch from the bridge.

They're designed on simple engineering principles and are very easy to assemble and install. They're also totally fail-safe. Our propeller system brochure will tell you more.

## NEWAGE

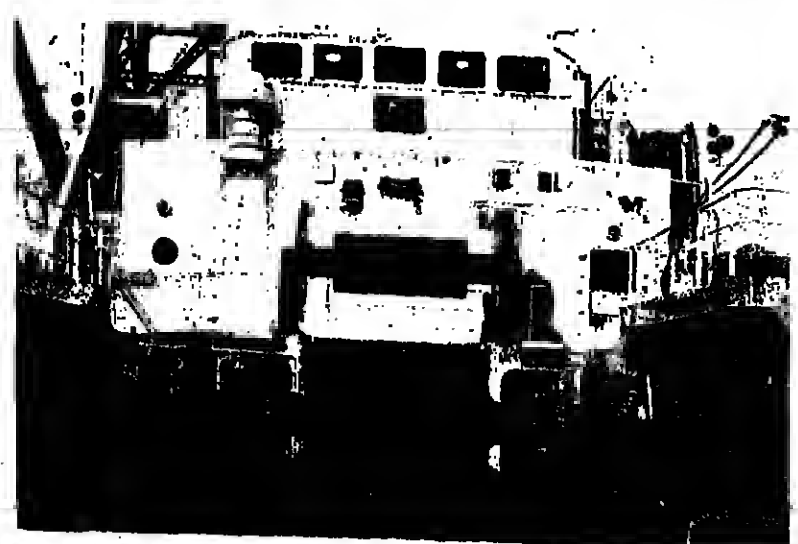
Newage Engineers Ltd.  
A member of the Charterhouse Group  
Marine Propulsion Division  
Poppleton Works, Duxford, St. Ives, Cambs.  
CB22 7JX, England. Tel 0780 651476/2  
Telex 63171



## Modern Reliable Deck Machinery

It is almost essential for pelagic fishing that a net drum be installed. Robertson's supply a range of drums with various drive systems for all classes of fishing vessels. Illustrated is a 9 cubic metre 30 ton pull net drum installed in association with Robertson trawl winches on the freezer trawlers 'Goth' and 'Roman'. Our range extends from 3 cubic metres to 16 cubic metres with pull up to 52 tonnes.

## TRAWL WINCHES AND NET DRUMS



## James Robertson & Sons (Fleetwood) Ltd.

Dock Street, Fleetwood FY7 6JH, England.  
Telephone 3414. Telex 67231.



## THE END FOR VOLESUS

THE 577-ton Grimsby distant water trawler *Voleus* has now been withdrawn from fishing by the Boston Group after a long period of being laid-up.

*Voleus* completed only five trips last year and has not been to sea in 1978. Last week the 22-year-old motor trawler was being stripped down at Grimsby and is now expected to follow *Prince Charles* — the first motor trawler to be scrapped from Grimsby — which sailed to the breakers earlier this year.

### Varied

The vessel has had a successful and varied career at Grimsby. Built in 1956 by Cook, Welton & Gemmell at Beverley for the Boston Group as *Boston Fury*, she later transferred to the Abunda Fishing Co. and was renamed *Abunda* in 1961.

Five years later she was bought up by Newton Trawlers, the Newton brothers' one-ship distant water venture, and renamed *Voleus*.

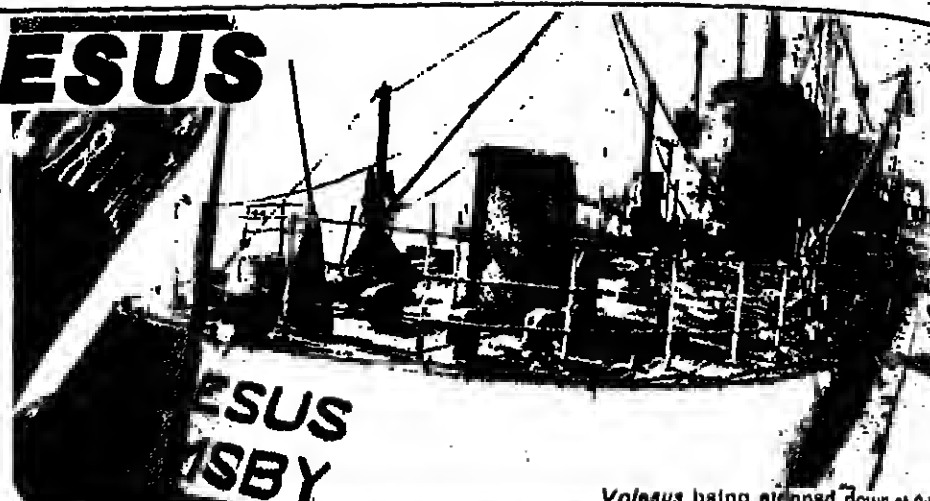
After a spell under the Newton colours *Voleus*, which has always been managed through Boston's Grimsby office, was re-acquired by the Boston Group. She was a regular big money earner for the firm until the loss of Icelandic fishing and troy quotas in the north-east Arctic forced many companies to lay-up distant water ships.

There is, however, better news of *Belgaum*, Boston's Grimsby trawler which was earlier reported to have been laid-up. The sister-ship to *Voleus* is now back at sea fishing the Norway coast under Skipper Frank Gray and, in fact, *Belgaum* was only out of fishing for a fortnight.

Also making a comeback is *BUT's Northern Gift*. She

has also been fishing the north-east Arctic under Skipper Wally Harrie. *Northern Gift* is the first of *BUT's* Grimsby fresher fleet to make a distant water trip this year.

It is understood there is an outside chance of one or two other laid-up Grimsby distant water trawlers getting in some Bear Island/Spitzbergen trips later this month, although as usual this decision depends upon quotas.



*Voleus* being hoisted down at Grimsby

## Salmon poaching — bid for peace

A DEMAND for top level intervention in the East Coast salmon poaching war has been made by Berwickshire District Council.

Chief executive, Robert Christie, said after a unanimous decision by the local authority that he will approach Professor John Muckintosh, MP for Berwick and East Lothian; the Ministry of Agriculture and Fisheries; and various fishing interests in a bid to change the legislation.

Councillor James Evans of Eyemouth, supporting a motion by Councillor Irvine Inglis of Ayrton, deplored the adverse effect the war is having on the fishing industry and voiced concern at the depletion of stocks. He made it clear this was the only solution.

Coun. Evans declared: "There is major poaching going on as everyone knows and one of the reasons is that fishermen don't believe the law is fair. When you have a situation like this it is automatic the law will be broken."

"The law will have to be changed until it is accepted as fair in all. We must get a situation accepted by the majority. Not in stating out poaching, because you will never do that, but to reduce it drastically so that it is not harmful."

Coun. John Innes Robertson, commissioner and riparian owner, told the whole situation needs looking into in the Tweed Estuary.

Commissioners consist of people owning banks of the Tweed, angling clubs, local authorities and people involved in river netting, but there is no one to speak for the sea estates. It seems they are being squeezed out.

He added: "Don't worry about the riparian owners they are doing all right."

Coun. Inglis said of the riparian owners, who he declared let their boats be big money: "They are represented as well meaning amateurs but the fact is they are big business and are out-ting their competitors' throats."

Coun. Inglis said he is only concerned with salmon and jobs in Berwickshire; he is not trying to defend the large-scale poachers. Nor does he hold any brief for the unscrupulous interests who are still using every means to put their legitimate competitors out of business.

He recalled that there are formerly licensed operators at four or five stations between the Tweed Estuary and the

Cove Harbour in Cockburnspath. Each station gave employment to about half-a-dozen men during the season.

Not only should there be a procedure to license a certain number of fishermen, but also the men who have persevered and tried to make a living should get the best chance, instead of a few all scrounging as individuals some quarters.

Salmon fishing on the Berwickshire coast is a long and arduous task, and the rules are changed with the months not years. He added: "If anyone would pay out money for the shore stations, the stakes are high and the opposition is far too big and clever and ruthless to let the chance to finish off the adversaries. After all, it is taken on a couple of centuries ago, so the sea fishermen are the game."

He called for the best authority, the MP, the Scottish Office and the Secretary of State to get down all the forces and intervene.

**£3,030 QUICK TRIP...**

THE 74 FT. *Imperial* trawler *Semper* (LT 531) returned to Lowestoft on Thursday morning last week with a 95-kilogram catch of very remarkable quality, except she only sailed from the port at 10.00 a.m. the previous day.

Her excellent catch of cod and codling, caught in the remarkable trip of some 24 hours under Skipper Roy Kinnear, earned £3,030.

She had been to Lowestoft with a 95-kilogram catch of very remarkable quality, except she only sailed from the port at 10.00 a.m. the previous day.

Carl Bears, manager of Ness Point Fisheries, who sold the catch, was quoted as saying: "I would say it was the best one-day grossing trip I have ever seen."

*Semper* was at the port for a day or two, but went off to sea again last year.

She returned to Lowestoft with a 95-kilogram catch of very remarkable quality, except she only sailed from the port at 10.00 a.m. the previous day.

## 'CONTROL' ROW OVER NEW FISH PIER

THE WESTERN Isles Council is opposing plans by the Highlands and Islands Development Board which is seeking power to control navigation of vessels in East Loch Roag where it is building a £1.7m. dried fish plant and pier at Breasclete, Isle of Lewis.

The council felt that such an order would prejudice future action by the council and that the area required by the board was far too large.

While the council has agreed to have a meeting with the board, it has also called for a report on the implications of the council becoming the harbour authority for the whole of the Western Isles, with the exception of the Stornoway harbour area.

In a report to the council, the chief executive stated that when the development was announced the board had informed them that it would be seeking such powers.

He said that, ideally, there was the very broad issue of principle, of whether it was desirable that there should be a number of different statutory bodies exercising harbour powers in the Western Isles and within Loch Roag.

Both Orkney and Shetland Islands Councils, as well as having much wider powers, were the harbour authorities for the whole of their areas, with the exceptions of Stromness and Lerwick respectively, which had long established harbour trusts.

Secondly, the extent of the area over which the board sought to have powers impinged on the council-owned pier at Breasclete. It included that channel giving access to that pier and to the southern part of East Loch Roag. He felt it might be more appropriate for the powers to be confined to the area in the immediate vicinity of the new pier.

It had been agreed that representatives of the council and the board should meet to discuss these points. Unfortunately, the time available between the next meeting of the council and the last date for lodging objections was too short to permit this. He accordingly proposed that the council resolve to oppose the granting of the order.

Convener, Rev. Donald

### Mackerel launch

A NEW SMOKED fish product is being launched this week by Findus to take the place of herring which is becoming increasingly scarce and expensive.

The new range of smoked mackerel is to take the place of the traditional British kipper and it comes in cook-in-bag filets.

The pack will cost 42p for 6 oz. and will be launched in Scotland, Wales and the West Midlands, coming to London on May 12.

### Trip south pays off

THE ICELANDIC trawler *Stalvik* grossed £72,803 at Hull last week for 2,130 kits. The discharge began on the Thursday and was complete next day.

At the Thursday fish sales the vessel made £34,692 for 945 kits.

On both days codstuffs formed the bulk of the turn-out, with an average of £36.15 a kit.

Neco Communications present the

**DANCOM RT408**  
with Selcall and Duplex



This is the latest Dancom VHF Radio Telephone and is developed from the highly successful RT403B. It features all the advantages of the RT403B plus better environmental protection, simpler installation, 80 channels and the option of Selcall and Duplex facilities.

We believe this to be the most compact low cost Radio Telephone to offer all these advantages and therefore is excellent value for money at only

**£495+VAT**

**Neco Communications Ltd**

Enrico House, The Quay, Poole, Dorset. BH15 1HJ

Telephone: Poole 79894 Telex: 417295

## What makes SIMRAD the best fishfinding equipment in the world?

### Performance Reliability

Simrad's fishfinding products are the result of over 30 years' experience in the design and manufacture of echosounders and sonars. Continuous research and close co-operation with the fishing industry have enabled Simrad to produce a range of equipments which reflects the needs of the industry. All products are continuously up-dated and improved, making them truly the best on the market today.

### Service

All Simrad equipments are designed for ease of maintenance and have the backing of the Decade Service Organisation in the U.K. and Eire. So wherever you are, service is always available from one of the 36 depots around the coast.

### Versatility

Simrad produces the widest range of echosounders, sonars and fishfinders available from any single manufacturer, providing an unrivalled choice of equipment to meet any fishfinding requirement.

### The Simrad range

**Sonars**  
SU ST SQ-D SQ-4 SK-3 SL

**Ancillaries**  
New CQ Sonar Scope  
CD Sonar Data Display

**Echosounders**  
EK EQ EX EL EY  
New Skipper 701 for smaller vessels

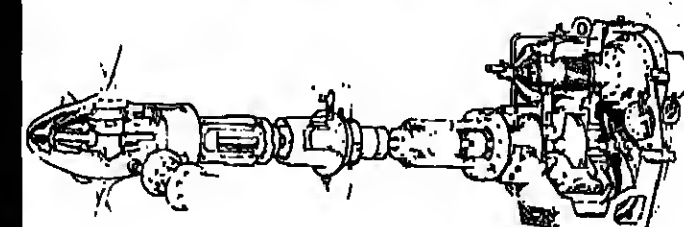
**Ancillaries**  
CI Scope  
MA Bottom Expansion  
MC Scale Expansion

**Net Sounders**  
FH FM FL

**Trawl Ancillaries**  
FI Trawl Watch  
FT Temperature Indicator  
New Catch Indicator

## A tidy sum! —

**ULSTEIN (U.K.) LIMITED**  
Textway  
Hilland Industrial Estate  
Dunfermline, FIFE KY11 5JT  
Tel: Dalgety (0363) 823188



**It all adds up to**

Sole UK Agents for Tenfjord and Sperre

GEARBOX/CP PROPS  
TRANSVERSE THRUSTERS  
PASSIVE TANK STABILISERS  
TENFJORD STEERING GEAR  
SPERRE AIR COMPRESSORS  
FACTORY TRAINED ENGINEERS  
24-HOUR SERVICE  
U.K. MANUFACTURE

**ULSTEIN**

## Billingsgate

ONCE A YEAR Billingsgate lets its hair down, or perhaps it should be puts its hair up, for the night of the annual dinner and dance.

All don their black ties and escort their gorgeously clad wives to the Grosvenor in Park Lane.

This year the chairman of the Merchants' Association, Jimmy Morris, had additional guests to greet; the old stagers were there — Charles Ward, market superintendent, standing for the 23rd year; Gerald Watkin, chief inspector of the Fishmongers Co., beaming over his ample girth; and the Fryers' chairman, representing the customers.

All were thanked for their help during the year, but the chairman reserved special mention for the architects and surveyors, not forgetting the bank manager, who have been assisting with the new market project.

He also referred to the small team of merchants who have put in an immense amount of time and work in planning this project; Don Tyler, Johnny Smithers and Sid Gibbard.

A notable absentee this year was Jimmy Wickes, no longer chairman of the porters' trade union branch. Nor was his successor in evidence on the top table.

Many Billingsgate personalities were there, playing host to their staff and their wives, to important customers and suppliers from home and abroad.

Surprisingly not all the Association's Council was present. Obviously not every firm wishes to go to the considerable expense of entertaining ten or 20 guests, but it is a pity that some way cannot be found to encourage these absentees.

Perhaps a Council table could be organised so that those members who do not want to invite a large party could still enjoy the company and support what is an extremely lively and worthwhile occasion.

### THE COLTS SMALLWOOD RANGE

OF DECK MACHINERY

TRAWL WINCHES

1-25 TONNES 1st LAYER PULL

2, 3, 4 DRUM & SPLIT VERSIONS  
SINGLE & VARIABLE SPEEDS



ALSO BEING CAPSTANS, LINE & POT HAULERS AND WINDLASSES

COLTS ENGINEERING CO. LTD Princessway, T.V.T.E. Gateshead, Tyne & Wear  
Telephone 0632 875081 Telex 637792



**SKIPPER** John W. C. Thomson of Lossiemouth — the top seine net skipper working out of the west coast port of Lochinver — has started fishing his new 80ft. steel seiner-trawler *St. Kilda* built by the Herd and Mackenzie yard at Buckie. "She is a magnificent boat from the finest of builders," he said.

"Herd and Mackenzie has allowed me to be as individual as I can in trying to evolve the most efficient craft. In her hull form and design I think she is very advanced in the interests of seaworthiness."

"With so much now being asked of multi-purpose vessels, I feel that a great deal of consideration should be given to good stability and I gave this priority when planning *St. Kilda*."

Skipper Thomson also said that he is pleased with her lines as he likes to see a good-looking boat.

*St. Kilda* will operate from Lochinver end, although seine net fishing will be her mainstay, she is also equipped for trawling.

White fish trawling is growing in importance off the west coast as it enables boats to catch a greater variety of fish and helps to reduce the amount of haddock taken.

Skipper Thomson said he had chosen steel in preference to wood so that she would have sufficient power and versatility for the further development of white fish trawling techniques.

The new vessel is being supplied with a light trawl from the Forie Net Co. and a heavy bobbin trawl made by an Aberdeen net maker.

Her seine nets will come from Jackson Trawls of Peterhead and the 2 in. trawl wire and 3 in. seine ropes are from British Ropes Ltd.

Gear handling machinery aboard *St. Kilda* includes seine rope storage reels of a new design which have been supplied by Fishing Hydraulics (Scotland) Ltd. to Skipper Thomson's requirements.

Owing to the type of ground off the Scottish west coast, it is often necessary to set the seine net in a restricted area and use a shorter length of rope.

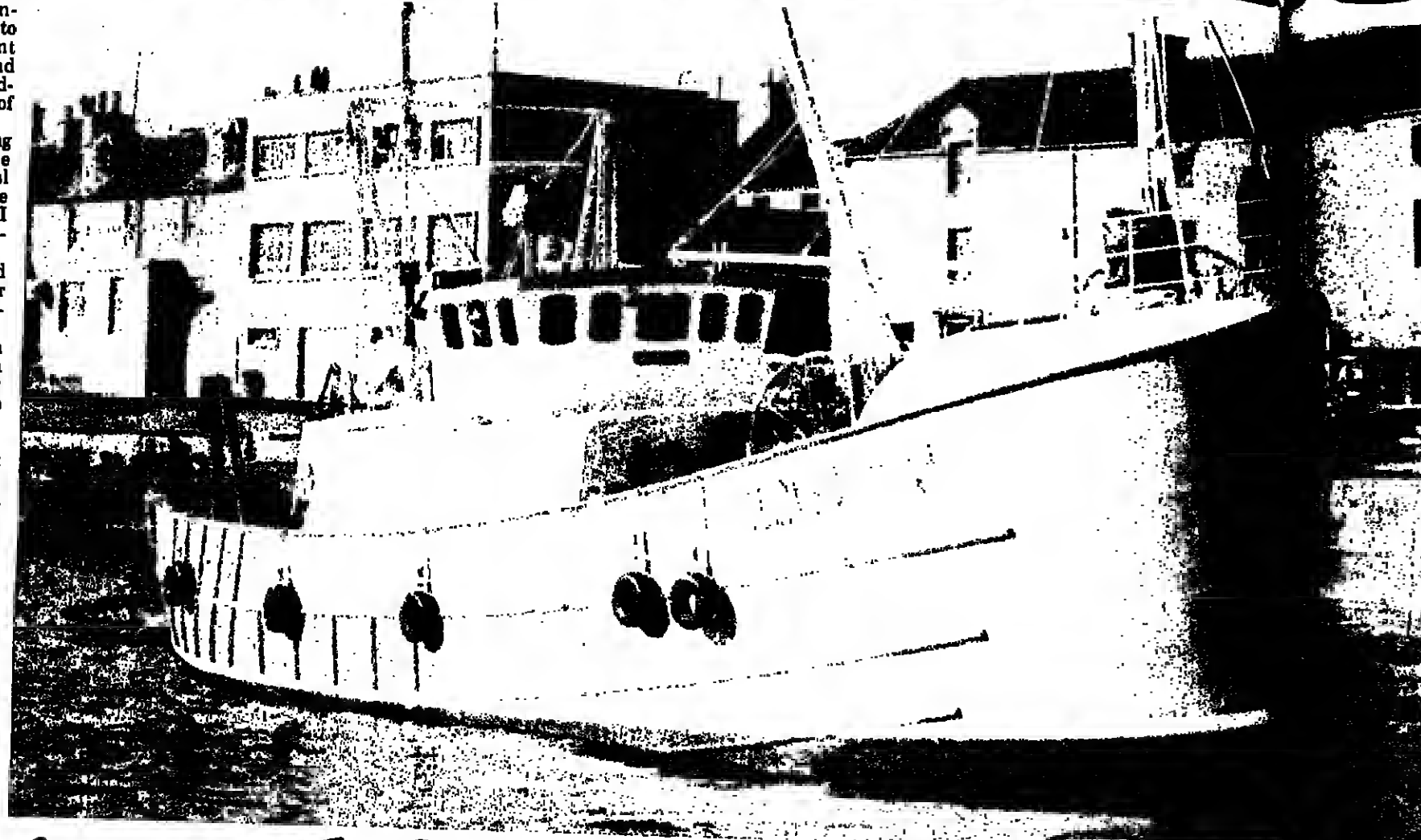
Skipper Thomson said he will sometimes work 13 coils of rope a side, but on other occasions will need to set as few as nine. The design of the reels enables the required number of coils to be set.

Each reel has one main drum and a small drum, the main drum having a capacity for about 13 coils of rope.

Surplus rope not required on the main drum can be run off on to the small drum on the opposite reel and vice versa.

To pass from one reel to the other the ropes run through pulleys fitted at the fore side of the winch. Rope can be run back from the small to the main drums in the same way when needed.

# ST KILDA



## top skipper puts stability first...

Each reel also has an additional auxiliary drum on to which damaged rope can be guided for repair without interrupting the hauling process.

Another interesting feature of *St. Kilda* is that she is the first craft of this size to be fitted with an ISIS 100 alarm monitoring system from Deca.

This provides continuous alarm state monitoring for the main and auxiliary engines, for the level of the water in the bilges of both of the engine room and flabroom and, also, incorporates a fire alarm system for the engine room and an oil level alarm for the stern tube header tank.

Alarm conditions are indicated visually and audibly on a panel in the wheelhouse. *St. Kilda* is the third vessel

to be built for Skipper Thomson. He originally fished with the 70 ft. wooden vessel *Caledonia* (built by Herd and Mackenzie in the mid-1950s) and then in 1969 took delivery of the 77 ft. wooden-hulled *Horizon* from the same builder.

He has been a regular winner of the Lochinver Trophy which is awarded annually to the seine netter landing the largest amount of fish locally during the year.

His crew of seven, all from Lossiemouth and district, has transferred to the new boat from *Horizon* which has now been sold to Buckie owners. Like her predecessor, the new seiner-trawler will be agent by the Lochinver Fish Selling Co.

*St. Kilda* has been designed by the builders on a deep vessel with full lines and has a cruiser stern, round bilges and raked soft nose stem. She is of the well proven Scottish

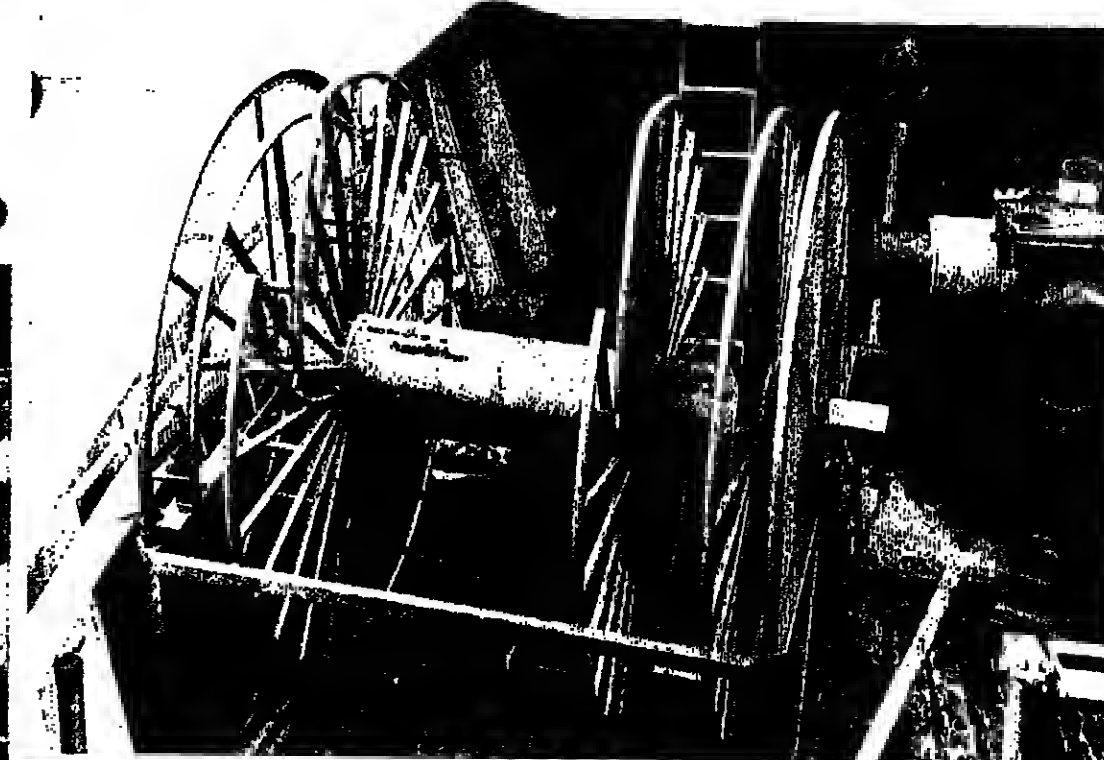
seiner-trawler layout with the deckhouse aft.

Below deck she is subdivided from forward into forepeak, fishroom, engine room and crew's cabin.

The boat has an overall length of 79.7 ft., registered length of 75 ft. and moulded hull of 23 ft. 7 in. Her moulded depth is 13 ft. 6 in. and draft aft, 12 ft. 6 in. Gross tonnage under Scottish Part IV registry is 80.79.



Above: Skipper John W. C. Thomson. Below: *St. Kilda* (below) will work her nets. She is fitted for



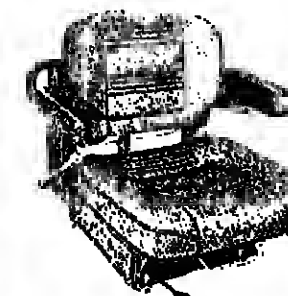
Above left: Skipper Thomson is pleased with the lines of his Herd and Mackenzie-built *St. Kilda*. Top: custom-built rope reels to fish a maximum of 13

coils a side. Above: her Elec LAZ 72 Echograph (left) and LAZ 82 Fishlugs. Right: wheelhouse panel of the Deca ISIS Alarm.

### Bostrom WHEELHOUSE CHAIR

AS FITTED TO THE ST. KILDA

Congratulations to Skipper John Thomson



Ergonomically designed and effectively service free, the Low Back Viking is built for a heavy duty working environment and is widely specified by governments and fleet owners for all kinds of inshore and deep sea working vessels. Whether you have one boat or a fleet, it will pay you to find out more from your local Bostrom dealer.

Please write or phone:

**THOMAS SCOTT & CO.**  
217 Cumberland Road, Glasgow G31 2 UF  
Tel. (041) 554 1007

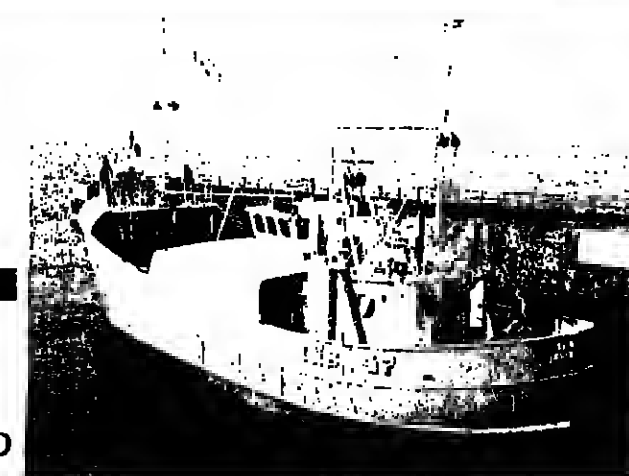
Best wishes to  
Skipper John Thomson  
and the Crew of  
**ST. KILDA**

for good fishing  
with their  
Seine Nets  
from

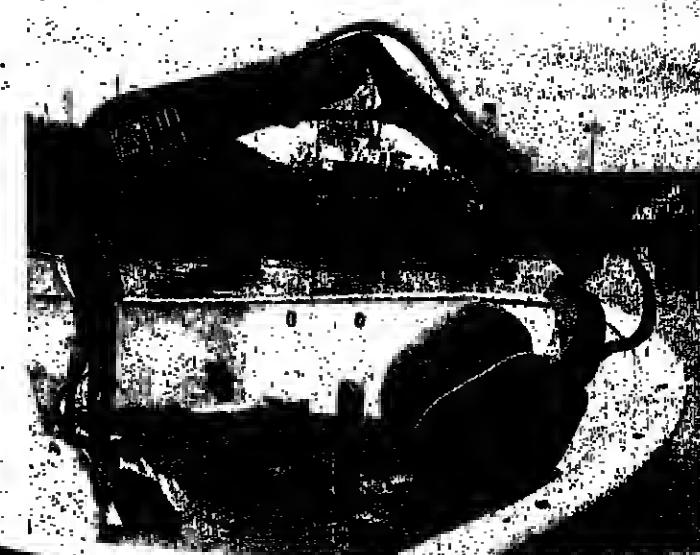
**JACKSON TRAWLS LTD.**  
Wilson Street, Peterhead.  
Tel. Peterhead 3768.

## By special request

When Skipper 'Johnny' Thomson wanted Rope Reels custom-made to his own design for the *St. Kilda*, he came to



## FISHING HYDRAULICS



A logical choice, we would say in all modesty. After all, we produce standard reels which are known for being sturdy, smooth running, trouble-free, for making light of frey rope or bad splices, for being obtainable in different sizes. So, with all this know-how and experience, we are better able than most to take one-offs in our stride.

And there's another factor which would influence a professional like Mr. Thomson... our concept of Service. This is freely available before, during, and after installation (if required, which won't be often).

We also supplied LANDING WINCH, ANCHOR WINDLASS, HI-AB CRANE, RAPP POWER BLOCK for the *St. Kilda*.

Congratulations and best wishes to Skipper Thomson and his Crew from:

**FISHING HYDRAULICS (Scotland) LTD.**

Station Brae, Ellon, Aberdeen, Scotland.  
Tel. (0858) 20717 Telex. 73356

### MORE NEW CAT POWER

Supplied by



**CALEDONIAN**

YOUR CATERPILLAR DEALER IN SCOTLAND

Caledonian Tractor & Equipment Co. Ltd.  
Beilistoun, Glasgow. Tel: Coatbridge 20111  
Perth, Tel: 23181; Aberdeen, Tel: 51201/2  
Muir of Ord, Tel: 576; Fraserburgh, Tel: 3931.



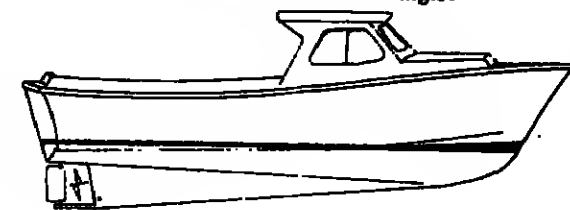
# LOCHIN MARINE

ROCK CHANNEL  
RYE SUSSEX  
Telephone Rye 3724

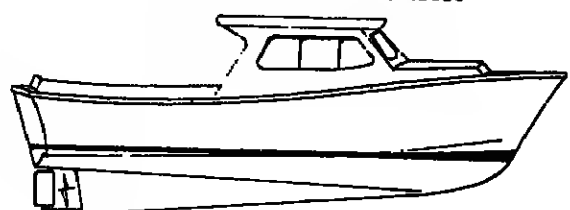
Moulded in GRP under ideal conditions to exacting standards, the Lochin "33" hull and superstructures are truly versatile.

★  
Factory premises, designs and production techniques have all been approved by  
LLOYDS - DET NORSKE VERITAS - W.F.A. - D.T.I.

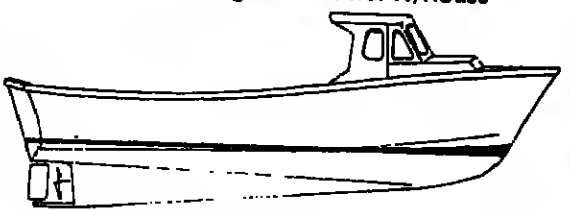
★  
Feet Fishermen/Charter Angler



Feet Fishermen Ext. Wheelhouse



W/Boat/Fishing Vessel Fwd. W/House



W/Boat/Fishing Vessel Aft. W/House



Hull design: Robert Tucker, A.R.I.N.A.

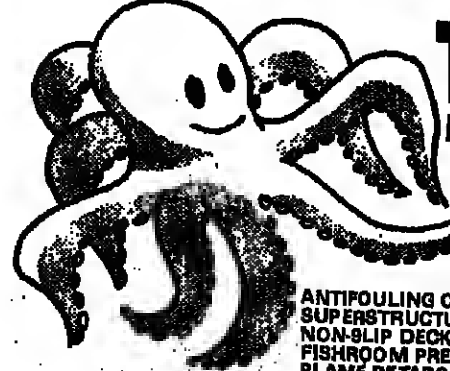
ALL VERSIONS 33ft. x 11ft. 9in. x 3ft. 9in.

(Please state which version interests you and whether you require details of part fitting out or a completed vessel).

**FAST — STABLE — SEAWORTHY**

**The choice of professionals who know the sea and demand the best.**

## For stem-to-stern protection



**TEAMAC**  
MARINE PAINTS

ANTIPOULING COMPOSITIONS  
SUPERSTRUCTURE COATINGS  
NON-SLIP DECK PAINTS  
FISHROOM PRESERVATIVES  
FLAME RETARDANT PAINTS

Trust TEAMAC to help you sail through the worst of the weather — year after year. There's 70 years solid experience behind Teamac Marine Paints — and a company that's big enough to meet your needs, and small enough to care about you!

Tough, tried and tested... TEAMAC



**TEAL AND MACKRILL LTD**  
Lockwood Street, Hull  
North Humberside, HU2 0HN. 0482/476

## Extra power torch

A TORCH with the equivalent power of a hand-held searchlight is now available in this country.

It has been developed in the USA for use by police and security forces and produces a narrow white beam five times brighter, and with three times the range, of a conventional five-cell torch.

Known as the Streamlite-20, it has re-chargeable nickel-cadmium batteries which give a minimum of 14 hours bright light after a full charge. The batteries, according to the importer, can be re-charged at least 300 times before replacement is necessary.

Each torch is supplied with a charger/holder designed to be connected to a boat's 12 volt d.c. supply, or to a 220 volt a.c. supply through a transformer, so that it is continually being re-charged when stowed.

The SL-20 has a heavy aluminium case with corrosion-resistant black anodised finish, an unbreakable Lexan lens and a lanyard ring attachment. It weighs 1.8 lb.

According to a police report, it has great blinding power and can also be used as a weapon. It would seem, therefore, that it would be ideal for use by ships' night watchmen.

Full particulars are ob-

## John Burgess' Log



tainable from: T. L. Elliott (Europe) Ltd., Elite House, Birmingham Road, Stratford upon Avon.

## Cylinder liners

"CAN YOU tell me what the difference is between wet and dry cylinder liners and why one type or the other is desirable in a diesel engine?"

Cylinder liners which come into direct contact with the cooling water circulating inside the engine block are called wet liners. Those that fit into bored holes in the block (like cylinder bores in most petrol engines), and are not in contact with the cooling water, are called dry liners.

All cylinder bores are subject to wear. They sometimes get scored and, occasionally, they crack for one reason or another.

If they are merely highly polished holes in the engine

block and they become worn or scored, they have to be reconditioned by being re-bored. When this is done, larger pistons have to be fitted.

If liners are used, worn or scored ones can be extracted and replaced, the some pistons can continue to be used and the performance of the engine will be unaffected.

Another good reason for fitting liners is that they can be made of much more wear resistant alloys than the cast iron from which engine blocks or jackets are made.

## Measuring engines

"I SHOULD like to know what the difference is between British and American engine power standards."

In Britain, when the output of an engine is to be measured, it is taken from the mainline line before being

run in on its power is measured with cooling water and fuel pumps, alternators and other auxiliary equipment in place.

By British (BS) standards this is the engine's brake horsepower (bhp) and the figure varies by more than five per cent from it may be quoted in sales literature.

When the output of an engine is measured by the American (SAE) standard, it is first run in. Then its power is assessed without any auxiliary equipment fitted.

A higher figure for the horsepower of any particular engine can, therefore, be quoted in sales literature if its output is measured by the American, instead of the British, standard.

## Does this ring a bell?

A Fishing News reader, Jane O'Brien, Shanacloon, Castletownbere, County Cork, Ireland — has written to say that a ship's bell bearing the inscription ARIEL — Peterhead, 1870 was recently gathered to a trawl off Castletownbere.

She has been unable to discover when the vessel was wrecked (or perhaps foundered) and would appreciate any information about it and its loss.

## ANY QUESTIONS?

IF YOU have any queries about boats, equipment, gear or methods, John Burgess is always prepared to try and answer them if they are not with a stamped addressed envelope for reply.

## ST KILDA

engines are fitted. The starboard unit is a model GLXB of 127 hp at 1,500 rpm and drives the main hydraulic powerpack for the deck machinery through a Twin Disc clutch and flexible couplings. A CAV AC7 alternator is also mounted on this engine.

A McLaren 20 kW 110 V generator, GGG 300/875 bilge and general service pump and an AC7 alternator are driven from the 4LW engine. This unit, fitted to port, is de-rated to give 48 hp at 1,200 rpm.

Electrically-driven equipment in the engine room includes a GGG 150/875 fuel transfer pump, Godwin fresh water pressure set and Jebeco pump to empty the main engine oil sump.

A total of 4,600 gallons of fuel oil are carried in the double-bottom below the fishroom and in engine room wing tanks, and all these engines operate from a 200 gallon daily service tank.

The GGG fuel pump feeds the daily service tank and also transfers fuel from the double-bottom to the wing tanks. Lube and hydraulic oil is also carried in tanks.

The salt water ballast tank, carried below the not stern in the forepeak, can be filled or emptied by use of the engine-driven bilge pumps. About 1,000 gallons of fresh water is carried in the double-bottom below the fishroom.

St. Kilda's Narskav Laurson 28-PK-80 combination seine and trawl winch is located on deck forward. Its large capacity trawl drums are housed forward of the seine barrels and can hold 400 fathoms of 2 in. wire.

In addition to the rope reels, Fishing Hydraulics also supplied the cargo winch, Rapp winlass and the Rapp 24 in. power block hung on a Hiab 650 crane. Controls for the rope reels are fitted below the wheelhouse and also in the wheelhouse.

Hydraulic power for the deck units will normally be provided from the powerpack at the fore end of the larger Gardner auxiliary engine.

A Dowty variable delivery pump drives the winch and a double pump unit provides power for rope reels, power block and crane, cargo winch and winlass.

The deck units can also be driven at full capacity from a similar set of pumps at the fore end of the main engine.

The fishroom, with a capacity of 155 cu. m., is insulated with polystyrene lined with redwood and is fitted with aluminium stanchions and pond boards. It is served by two batches and could carry in the region of 1,000 boxes of fish.

Both the deckshelter and

hatch covers are of aluminium, but the remainder of the superstructure is of steel. Tinted glass is fitted in the wheelhouse windows and the Chalmir floodlights and a Francis searchlight are carried.

Fish finding aids in the wheelhouse comprise a LAZ72 Echograph and LAZ62 Fishlup supplied by Windsons of Aberdeen.

All other electronic equipment was supplied by Decca and includes "Sailor" TDS R105 SSB radio telephone, RT144B vhf radio telephone, and R114/M wch receiver, Audix intercom system, Decca Mk. 21 Meter, 430 350T Trawl Plotter and RM914C Clearson radar.

Other fittings in the wheelhouse include Wynstrumts Mk. 3 window wiper, Fluon horn, Bostrom Viking 300 helmman's seat, Morse engine and which controls, plus the model 115 FSS Tenford steering gear. Provision has been made for fitting a sonar at a later date if required.

The combined galley and messdeck, located below the wheelhouse, is fitted with a kitchen, sink, refrigerator, a shower, w.c. and wash-hand basin, and is arranged in the deckhouse.

Bunks for eight are arranged in the beautifully fitted out cabin below deck and Central heating is provided by a Pyro oil-fired boiler housed in the deckhouse.

All the paint used on St. Kilda internally and externally are from International Paints, while safety equipment includes fire extinguishers, fire appliances, and fire blankets.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.

# let's talk sonar

## Redifon/Furuno sonar equipment? "It's the greatest!" claims John Mitchell, skipper & owner of the 'Dewy Rose'.

On board the "Dewy Rose", FR 144, John Mitchell of Fraserburgh has been using Furuno equipment for the past four years.

So good have been the results that his vessel has just become the first in Scotland to install the new Furuno P.P.I. Sonar FH 103 (pictured below).



Furuno's new FH 103 Sonar equipment.

During Furuno's original sea trials, designed to examine the maximum sounding range of Sonar FH 103, it was recorded that, with tilt of 90° in calm seas and with the vessel stationary, the maximum sounding range was 3000 feet, depending on size of fish and reflection loss.



Shrimp echos on a range of 1500 ft; maximum brilliance and amplitude: "O" TVG; 90° tilt.

Small wonder that John Mitchell claims Furuno equipment is "the greatest". And he's no newcomer to Furuno. "Dewy Rose" is already equipped with Furuno FUV 11 Fish Finder, FRS 24 Radar and F 851 Echo-sounder.

Mr. Alex Mitchell, skipper/owner of "Jacquemaure", FR 59, sister ship to the "Dewy Rose", is no less convinced of Furuno's reputation. During April, his vessel will also be fitted with high frequency sonar type FH 105.

But the proof of the "sonar pudding" rests with "Ling Bank", GY 426, whose skipper is already aiding his catch with FH 103 Sonar. The owners, Tom Sleight, (F.S.) Limited of Grimsby, report that Furuno equipment is operating very satisfactorily.

Below: "Ling Bank" — already fitted with Sonar FH 103.



## New Building to be fitted with full range of Furuno equipment.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.

James Noble's Fraserburgh Yard will soon complete a new building which is to be named "Devotion", PD 217.

So sure of Furuno's absolute reliability is the owner, Mr. Alex Strachan of Peterhead, that he has ordered a complete range of Furuno equipment that includes their FH 103 Sonar with Sonar Vision type E.S.7 — the very first in the U.K. — their FUV 11 and F 850 Echo-sounders, two FRS 24 Radars and Furuno's FNR 200 Net Recorder.



"Dewy Rose" — the first vessel in Scotland to be fitted with Furuno's new FH 103 Sonar

## Full-circle, multi-beam electronic sonar — a technical breakthrough in fish-finding

Over the years, Furuno's highly advanced technology has quite literally revolutionised the fishing industry.

No longer is success a case of 20% skipper's intuition and elaborate guesswork combined with 80% luck but quite the reverse — 80% certain knowledge from the equipment that the fish are there, plus 20% luck.

Furuno's FSS 75A sonar instantly scans through vast bodies of water and provides the intuitive pictures for locating fish schools.

It has tremendously increased efficiency in purse seining, trawling and other fishing methods.

Underwater situations are instantly illustrated on a high-resolution 10" screen plus audio detection and an optional recorder.

Tiltable through 90° continuously — with none of the power deterioration experienced with electronic tilt systems — the FSS 75A has three ranges, 0-200, 400 and 800 metres, which can be expanded to 0-350, 700 and 1400 metres by off-centering.

The system provides PPI images like radar and the 180° sector, with fully concentrated transmitter power, can be oriented in any direction around the vessel to a full 360° search.

The recorder plots targets as in the searchlight sonar, by using a sharp receiving beam with the recorder sector being adjusted to five steps from 80° to 180°.

The FSS 31C is a full circle sonar for long distance ranging. The beam pattern is formed by phased array transducers and, for this reason, the beam can-

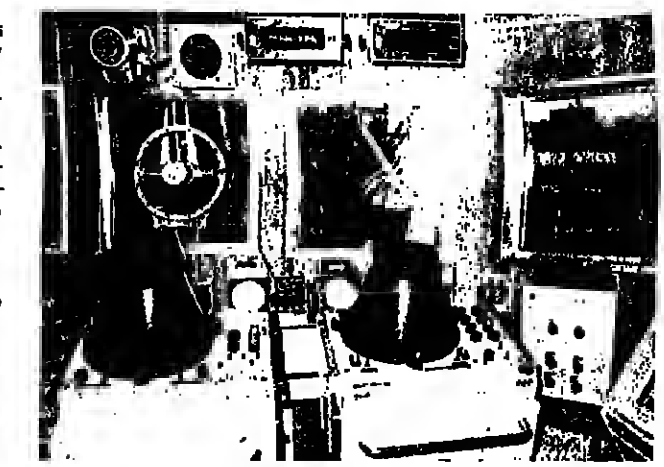
not be tilted straight down, unlike FSS 75A.

The 1600 metre radius of the equipment enables not only the long distance detection of fish schools but also instant recognition of fish distribution — the direction in which the school is moving, how fish are distributed and which is the most valuable, or largest, school.

Continuous 360° display around the ship helps the skipper determine the timing of shooting and hauling the net while taking into consideration direction of fish movement, tide direction and water depth.

It is small wonder that the aggressive purse seiner skippers want to have both the FSS 31C and the FSS 75A on board their vessels.

The FSS 31C is a full circle sonar for long distance ranging. The beam pattern is formed by phased array transducers and, for this reason, the beam can-



A 116 ton wetting boat of a large-size seiner fleet equipped with FSS 75A (centre right) and its "sister" equipment FSS 31C. The equipment to the extreme right is the optional recorder switched to both units.

An important feature, since modern vessels operating in crowded fishing grounds are fitted with more and more echosounding equipment, is that cycle control is provided to reduce interference from other sonars operating on the same frequency.

And yet the remarkably compact hull unit of the fully solid-state FSS 75A weighs only 440 kg, and even fits comfortably into a 19 ton vessel.

Furuno's other revolutionary sonar model FSS 31C is the sister to FSS 75A. Purse seiner skippers have long awaited such equipment!

The FSS 31C is a full circle sonar for long distance ranging. The beam pattern is formed by phased array transducers and, for this reason, the beam can-

not be tilted straight down, unlike FSS 75A.

The 1600 metre radius of the equipment enables not only the long distance detection of fish schools but also instant recognition of fish distribution — the direction in which the school is moving, how fish are distributed and which is the most valuable, or largest, school.

Continuous 360° display around the ship helps the skipper determine the timing of shooting and hauling the net while taking into consideration direction of fish movement, tide direction and water depth.

It is small wonder that the aggressive purse seiner skippers want to have both the FSS 31C and the FSS 75A on board their vessels.

The FSS 31C is a full circle sonar for long distance ranging. The beam pattern is formed by phased array transducers and, for this reason, the beam can-

## REDIFON Sole UK distributor for FURUNO

UK:  
Redifon Telecommunications Limited, 8, Grosvenor Road, Weymouth, Dorset DT9 8JQ. England. Tel: 01-874 7281. Telex: 826228.

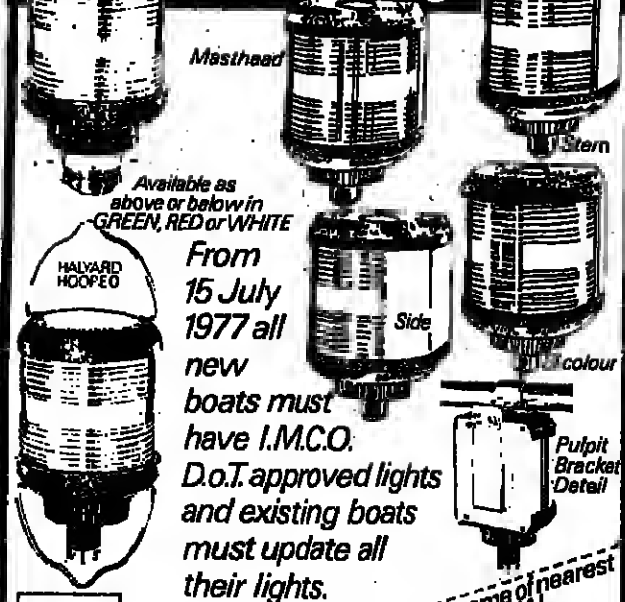
Denmark:  
International Skibs Radio A/S, Spectatorvej 9, Copenhagen S.V. Denmark. Tel: 01-46 45 00. Telex: 27 288.

Norway:  
Furuno Norge A/S, P.O. Box 821, N-8001 Ålesund, Norway. Tel: 071 1 24 855. Telex: 42582 AHG N.

Furuno's FH 103 Sonar...with Sonar Vision type E.S.7.



All fishing boats must update their lights. **AQUA SIGNAL** are the first complete D.O.T. Approved range of lights for fishing.

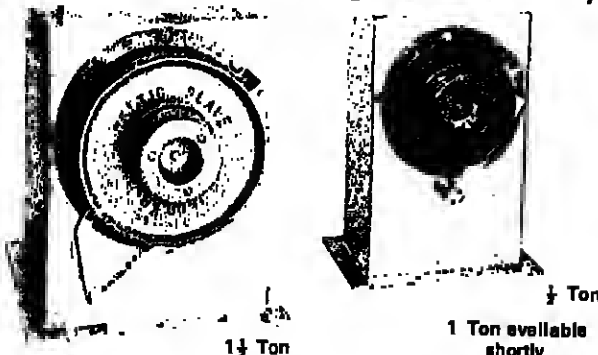


From 15 July 1977 all new boats must have I.M.C.O. D.O.T. approved lights and existing boats must update all their lights.

mfms  
Stockist & guide to required lights to AQUA SIGNAL FISHING LIGHTS, 83 Godolphin Rd, London W12. Tel: 01-749 2111. address

Specify for vessels above below 50m L.O.A.

**SHELL FISHERMEN** —  
CELTIC SLAVE — for Performance.  
HAULERS Long-life & Reliability



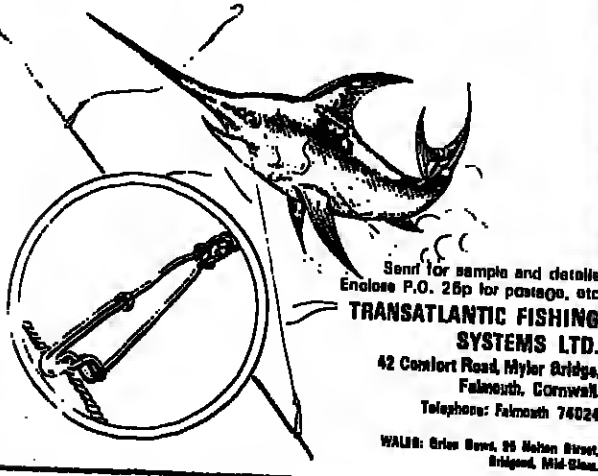
**SOUTH WESTERN MECHANISED FISHING**  
C. J. Stacey Design Associates Limited,  
Venn Park, Stoke Fleming, Dartmouth, Devon.  
Telephone: 080 427 483



**Insist that your Longline rope carries the Sea Queen name**

WRITE FOR DETAILS TO:  
**BRIDON**  
BRIDON FIBRES AND PLASTICS LIMITED  
Newcastle Upon Tyne NE5 9JZ England  
Telephone: 0632 729111

**CLIP-ON SNOODS**  
SAFER, FASTER, EASIER, INEXPENSIVE.  
SUITS ALL SIZES OF BOATS  
CLIPS, STAINLESS TRACERS, ROPE DRUMS, AND SNOOD HANDLING SYSTEMS — STANDARD OR CUSTOM BUILT AT BENSIBLE PRICES.



**For all Hardwood and Plywood**  
**Graham-Reeves building supplies**  
Millbay Quay, Tel: Plymouth 20882

**BOAT BUILDING TIMBERS**  
• Butts of Oak, Larch, Iroko all sawn through and through to any thickness.  
• Kiln dried and machined Yang Oaking and Margina.  
• Complete sets Oak frames bevel sawn to your patterns.  
• Oslo spruce poles for decking, etc.  
• Delivery to all parts Scotland, England and Ireland.  
**W. S. BARCHARD & SON LIMITED**  
WEST DOCK STREET, HULL  
Tel: Hull 0482-25588 (5 lines) Telex: 52528



**GOLLOP TRAWLS**  
The South-West's Trawl Net Factory  
MILLGREEN, LYME REGIS, DORSET  
Tel. Lyme Regis 3620

**AGENT FOR IVER CHRISTENSEN'S**  
Single and Pair Boat Midwater Trawls, Shrimp and White Fish Trawls, Tangle Nets for Plaice, Sole and Cud.

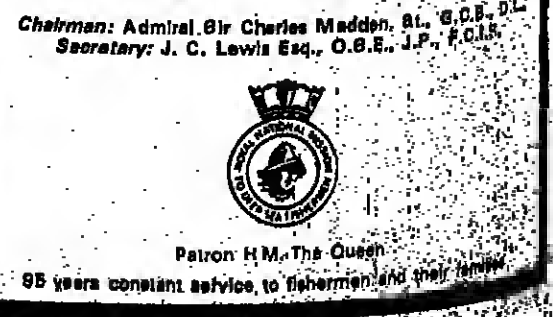
**S.W. AGENT FOR EURONETE**  
Skagun Wark, Orange P.E. Rops, Blue P.P. Rops, Twines and Netting, Shackles, Swivels and Floes.

**TOP QUALITY UTZON NETTING**  
For the repair of I.C. Midwater Trawls.  
Plus our own range of Trawls for vessels 20ft. - 90ft.

**DANTRAWL**  
Hirtshels - Denmark  
Manufacturers of all types of bottom and floating trawls, including two-boat bottom trawls. Blue Whiting gear, Shrimp trawls etc.  
Details from U.K. Agent —  
**HUGH NORMAN**  
(Marine Sales) LIMITED,  
Ythan Cottage, Eilon, Aberdeenshire  
Tel: Schivas 358 (STD 03587 388)

**WEST COUNTRY**  
RADAR — RADIO/TELEPHONES — AUTOPILOTS  
SONAR — FISHFINDING SOUNDERS ETCI  
Decca — Sella — Atlas — Sperry — Saelar — JRC  
Woomer — Neco — Cetra and all the leading names.  
**OUR ENGINEERS ARE ONLY A TELEPHONE CALL AWAY FROM YOU!**  
Night and weekend emergency services  
Marine electronic equipment at its best  
**SEABOURNE ELECTRONICS LIMITED**  
27 Southside Street, The Barbican, Plymouth  
Tel. (0752) 28114 — Telex: 46486

**FISHERMEN'S MISSION**  
SERVING and CARING  
For Shipwrecked, Sick, Distressed, Disabled, Retired and Sea Going Fishermen their Wives, Widows and Children  
**THIS IS OUR BUSINESS**  
Will you share in this ministry by sending a generous donation to Royal National Mission to Deep Sea Fishermen  
**43 Nottingham Place, London W1M 4BX**  
Chairman: Admiral Sir Charles Madden, Bt., G.C.B., D.L.  
Secretary: J. C. Lewis Esq., O.B.E., J.P., F.C.I.S.



# SLOW BOAT TO CFP 'A TRAGEDY'

THE STATEMENT made by the Scottish Under-Secretary Hugh Brown last week that the Common Fisheries Policy has little chance of being resolved before the summer has angered Peterhead Harbour Trustees chairman, John D. Buchan. "It's a tragedy," he said.

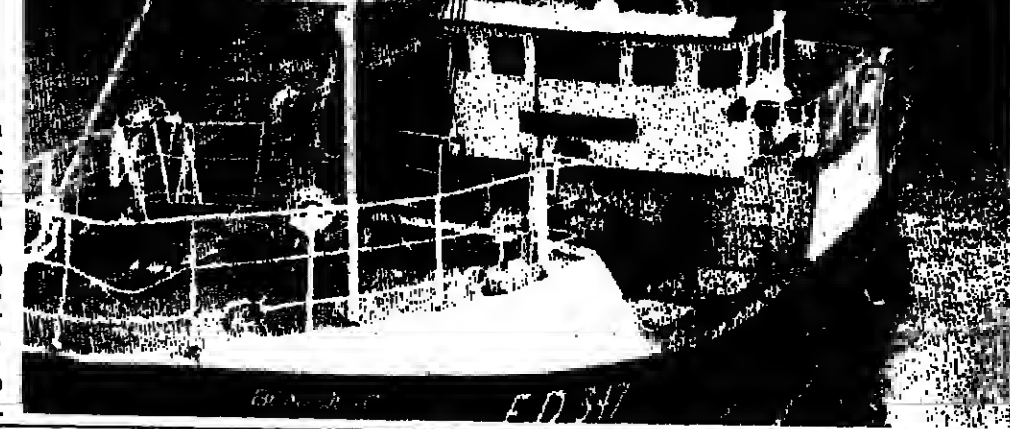
"I hope Mr. Silkin and the European Fisheries Ministers realise how serious the situation is," he said.

"At Peterhead landings per boat are dropping and, as the fish is of smaller size, it looks as if the big fish have all been caught."

"Many boats working from Peterhead are lucky if they catch 200 boxes of fish a week, whereas a couple of years back a 400-box catch was usual."

"Conservation is needed now. Not when all the fish is cleaned up," he said.

"Nothing short of immediate action will be of any help, otherwise the North Sea will be a desert."



Below: two additions to the Peterhead fleet are the Fleetwood-registered former 6UT trawlers *Lorenzo* and *Benvolio*. *Lorenzo* has been acquired by Arthur Guohan of Uglevalle, while *Benvolio* is now owned by Peter Ritchie of Illustra.

## Maiden

THE FIRST BOX of haddock from the maiden catch of the Aberdeen trawler *Speyde* has sold for £60.

The new vessel landed 76 cwt of fish which sold for £1,788 after her nine-day trip.

Skipper Peter Simpson of Buckie encountered some troubling troubles with the ship's highly-sophisticated computerised winch system.

It is the custom at Aberdeen that the buyer of the first box of fish from a maiden trip receives a new hat and the money raised from the sale goes to charity.

FEARS THAT Faroese fishing boats were taking quantities of herring from Shetland waters were expressed in a Common Fisheries Commission committee considering the extension of the temporary agreement with Faroese to June 1.

Hishiah West (SNP, Banff) said he had been told the Faroese were taking large quantities of herring west of Shetland. It was perhaps the most endangered species around the British coast and it was important to see that the Faroese fisherman did not deplete the stock.

Alick Buchanan-Smith (Con, North Angus and Mearns) said that only the previous week had the Faroese opened their area No. 1 to British boats.

He wanted to know whether an adjustment would be made to the agreement so that what had been lost in the previous two months was not gone for ever. Some compensation must be made.

The Government should learn a lesson from the agreement. The industry had taken it at face value and there had been frustration, anxiety and uncertainty when the agreement did not turn out to be what the industry had thought it was.

Hugh Brown, Under-Secretary, Scottish Office, said there was no evidence that the Faroese were doing anything illegal in herring fishing.

Licensing arrangements being considered by the Commission envisaged a more permanent arrangement and they included monitoring.

Mr. Watt interrupted to ask for an assurance that the Faroese boats landing herring in Holland were getting them from their own area and not from the British one.

Mr. Brown said he would need to have details of boats and would then make inquiries.

# Book early for WFA courses

## THIRTY-FIVE TEST TRAWLS

THERE are now 35 scale models of commercial trawls for use in the WFA's trawl test flume tank at Hull. Skipper can select which trawl they want to use in operation and even make adjustments to the rigging. The trawls available are:

Name of trawl	Horsepower	Scale
<b>BOTTOM TRAWLS</b>		
Balta	1600	1/10
Boris box trawl	100	1/6
Boris Ooshawk	160-260	1/10
Coselit Alfredo	2000	1/10
Coselit Concord	120	1/10
Coselit Gemini pair	2 x 160	1/10
Coselit Jumbo 80	1000	1/10
Coselit Jumbo 100	1000	1/10
Coselit Jumbo 114	1600	1/10
Coselit Jumbo 132	2000	1/10
Coselit Large Granton	1000	1/10
Coselit Small Granton	1000	1/10
Duthie Bountiful	350-400	1/6
Duthie two-bridle	300-400	1/10
Gollop 8ft. Erikham	50-80	1/6
IMR Soltraps	1000	1/10
Jackson 570 box (pair)	2 x 300	1/20
Lowestoft C3	150	1/10
Lowestoft C4	600	1/10
Marine Laboratory White Sea	1400	1/10
Portuguese	1000	1/10
Skolpan	2000	1/25
Stella Christina	1000	1/10
Stuart 482 Heavy Board	250-400	1/10
Stuart 30ft. prawn trawl	150-300	1/10
S20 Quail Purpose (Kintyre)	100-120	1/10
<b>MID-WATER TRAWLS</b>		
Apeldoorn 480	2 x 250	1/25
Apeldoorn 500	2 x 500	1/25
Apeldoorn 2000	1500	1/25
Boris 385	400-500	1/20
Dutch 1800 Rope trawl		
Dutch 1700 Rope trawl		
Engel 305 x 50 cm	400-500	1/20
Engel 1600 x 20 cm	1300	1/25
French pair trawl	2 x 400	1/20

A NEW programme of fisheries training courses has been lined up for the next eight months by the White Fish Authority. From May to December 35 courses will be in operation — 15 at the WFA training centre in Hull and 20 in the mobile training unit at ports around the country.

Ports to be visited include: Ayr, Buckie, Fleetwood, Fraserburgh, Larwick, Lowestoft, Malleig, Pittanwaam, Whitby and Whitehaven.

Last year a total of 571 skippers and other industry members attended WFA courses and several were overbooked. Book early this year to avoid disappointment, says the WFA.

All the courses are designed to give practical instruction to professional fisherman and other personnel — and they learn heavily on involvement.

All courses except the one in business management (see 280) are free to members of the UK industry. Details of fees for overseas personnel are available on request from the WFA Industrial Development Unit.

Courses being held this year are:

**Fishing gear technology (five days)**  
Re-designed and now divided into horsepower classes: 20 to 160 hp; 160 to 500 hp; 500 to 1,000 hp; and 1,000 hp plus. Full use is made of the WFA flume tank and about 75 per cent of the course is performing experiments with trawl models. The WFA now has 35 scale models for demonstration, including single-boat and pair mid-water trawls as well as bottom trawls.



WFA instructor Steve Ridgeway running a WFA fish detection course at Eymouth, 6erwickshire.

**Aquatic fish detection (five days)**  
Designed for skippers, electronics managers and others concerned with fish detection equipment. Programme includes fish behaviour, echo sounders, bottom expanders, fishlugs, net sounders and sonar. Practical course using sophisticated training aids to give a firm grounding in their operation, adjustment and interpretation.

**Engines, electronics and hydraulics (five days)**  
Aimed at helping inshore fishermen to diagnose and rectify simple faults which comprise most of today's breakdowns in the engine room and in small boat hydraulic systems. Covered are: types of engines (advantages and disadvantages), control systems, turbochargers, electrical generation and distribution equipment, hydraulic power transmission, winches and power blocks. Training aids include slides, films, cutaway models and components.

**Coastal fishing (five days)**  
Introduced late last year, the course is designed mainly for skippers of inshore vessels below about 150 hp. It provides instruction on small echo sounders, engines and hydraulics, fish behaviour, marine science and gear technology. Lectures and demonstrations of engine and system faults, and of simple repairs in harbour and at sea.

**Marine science (five days)**  
Covers aspects of oceanography, meteorology, marine biology and fish behaviour relevant to fishing. Topics include ocean currents and tides, fish migration, ecological chain, reaction of fish to gear and the effects of the marine environment on fish behaviour.

**Business management (three days)**  
To assist all levels of management in fish processing and marketing to improve personal and corporate performance in a variety of business situations. Programme includes production management, corporate finance, marketing management, plus planning and control. Business management game and several lectures by guest speakers.

**Fisheries technology and management (12 weeks)**  
Designed for developing countries, it gives government fisheries department staff an appreciation of the problems involved in the administration of national fisheries development policies.

The WFA is also developing a new three-day course on fishing gear design and net making. Due to start early in 1979, it will be of special interest to skippers of small vessels and others who make their own nets. Course booking form — page three.







